***Country: South Africa*** **

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Organization and Number of Staff:

South African Agency for Science and Technology Advancement (SAASTA) implements the GLOBE programme along with other science engagement programmes on behalf of the Department of Science, Technology and Innovation (DSTI). In the last year, the agency has allocated **three permanent and one contract staff members** to implement the science engagement programmes that include the GLOBE programme.

Funding by:

The GLOBE programme in South Africa is funded mainly by the government, i.e. the DSTI. However, there is an emergence of private schools and other organisations that are funding their own GLOBE activities. Some public schools do contribute by implementing the GLOBE activities without the main funding from the DSTI.

In the 2024/2025 financial year, the GLOBE programme was not allocated funding due to budget constraints. It was, however, implemented under other science engagement activities.

Cooperating Organizations/Individuals:

* Department of Education (DOE).
* Various Science Centres and DSI entities
* Non-government organizations

GLOBE Schools:

428 (Four hundred and twenty eight) GLOBE schools.

GLOBE Protocol Areas:

Atmosphere: Air temperature, surface temperature, precipitation, clouds observations, relative humidity.

Hydrology: Water temperature, dissolved oxygen, transparencies, water pH, alkalinity, nitrates, mosquito habitat mapping, conductivity.

Biosphere: Biometry trees, vegetation covers, MUC

Number of Schools Reporting Data over Past Year:

Thirty-seven (37) schools have reported data in the past year. Fifteen (15) of the 37 schools reported only in the month that they received the training and stopped.

The number of the schools reporting data has decreased from the 2023 number (48), although more educators have been trained in the past year.

Program Implementation, International Cooperation in GLOBE Network, and Activities over Past Year (categorized by GLOBE Strategic Plan 2018-2023 Goals):

* Education

The GLOBE programme forms part of the DSTI science engagement which supports the teaching and learning of the STEM subjects. The DSTI entities and stakeholders continued to engage in activities that enrich education.

* A face-to-face workshop with educators in Albertina Nontsikelelo Sisulu Science Centre.
* Continued support of the St John ‘s College hub project.
* Science

The GLOBE learners got to engage in various science activities.

* Community

No information yet

* Technology

No information yet

* Communications

Flow of information within the South African GLOBE community is still a challenge. Our implementing agency (Saasta) has placed a contract staff member in the Eastern Cape province to assist the educators in that province and to monitor and intervene on identified challenges.

International Cooperation

No known international cooperation.

Plans and Ideas for Next Year:

There are some organisations that implement environmental research programmes or environmental school projects. For example, South African Environmental Observations Network (SAEON), Vhembe Biosphere Reserve, etc. These organisations are mostly operating in silos though their goal is common.

1. The idea for the next year and beyond is to collaborate with these organisations on the GLOBE programme in particular, and get their measurements uploaded into the GLOBE system under GLOBE South Africa.
2. The plan is to:
   1. get the inactive GLOBE schools to be active;
   2. have more data uploaded by our schools; and
   3. establish more domestic collaborations